



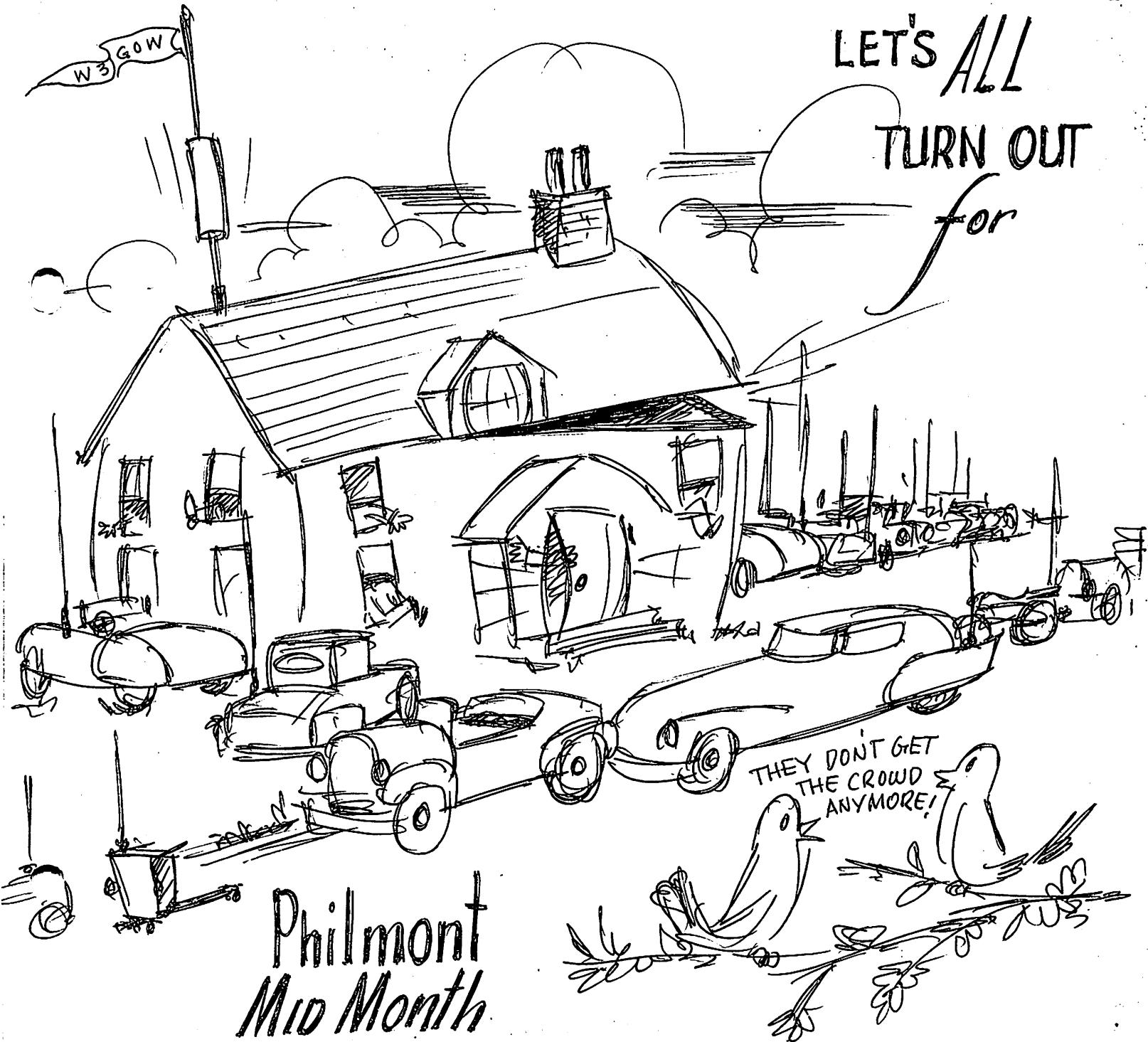
THE BLURB

'AREA' MEMBER

PHILMONT MOBILE RADIO CLUB INC.

May
1963

LET'S ALL
TURN OUT
for



VOLUME 13

NUMBER 5

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Collator W3QQH

The "Blurb" is published by and for the members of Phil-Mont to further the interest of Amateur Radio in general and Mobile Radio in particular. We endeavor to keep the news accurate, interesting and in a small way educational. Copying and quoting is permitted and subscriptions are gladly exchanged with other radio clubs.

DEADLINES

The "Blurb" is mailed on the last Monday of the month. All material for the "Blurb" must be received by the Editor, K3KUD before the 15th of the month.

1963 CLUB OFFICERS

President Charles Greenwood W3GOW
Vice President Enos Bartol K3GNJ
Treasurer George Weed W3MHR
Secretary Joseph Elmalem K3HIJ
Directors: W3VVS (E63); W3QQH (E64);
K3DJE(E65); W3CDY(A); W3NIP(A);
and all 1963 Club Officers.

New members chairman: W3DSG

NET AND NET FREQUENCIES

Channel 1 - 29493 kc Channel 3 - 147.78 mc
Channel 2 - 29629 kc Channel 4 - 50.7 mc
Orange Juice Net Weekdays 0700 - 0730
Scrambled Egg Net) 0730 - 0830
Ten on Ten Sundays 1000 - 1100
Blarney sessions anytime All Channels
29493 kc 0930 - 2400
Monitored daily for the benefit of mobiles in
the Philadelphia area.

P M R C CALENDAR
MEETINGS

Regular Meetings: First Monday
of each month.

Time: 2000 hours (8:00 p.m.)

Place: FRANKLIN INSTITUTE
20 & Benj. Franklin Parkway

MID-MONTH SCHEDULE

Mar. 13, W3EQV - Aug. 14, W3DJW
Apr. 17, W3WNC - Sep. 18, W3HFD
May 15, W3GOW - Oct. 16, W3AWH
June 12, K3KUD - Nov. 13, W3ADF
July 17, W3NIP - Dec. 18, W3MHR



PREZ - SEZ

This month our thanks goes to the staff of "The Blurb" which is carrying on the fine work of previous "Blurb" staffs. It might be a good thing for all of us to remember that this fine and valuable publication is not written by Pixies, printed and illustrated by Santa Claus, and put together and mailed by the Easter Rabbit; but represents the combined hard work of the Philmonters whose names appear on the masthead, as well as others who contribute news items and articles.

Our Editor, K3KUD, on completion of the twelfth issue with the present staff said that the past year has been "interesting, frustrating, and frequently frantic, but never boring or monotonous." The rest of us who have the pleasure of reading "The Blurb," without the effort of putting it together, can be thankful that Bob (K3KUD) and his helpers feel the way they do about their work, because we benefit in having an interesting, informative and entertaining publication of which Philmont Mobile Radio Club has every reason to be proud.

Our thanks to the "Blurb" staff.

de W3GOW

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IT SEEKS TO ME

Since this is the first anniversary edition for the "New Look" Blurb, let's look back over the past year and what we have accomplished. We became an AREA Member Publication; we are read in every part of the United States and even get up into Canada; we have been complimented either in fact or by having material used by at least ten AREA publications and at least three of our Tekni-Grams have appeared in other parts of the country (with credit line). All of this is a source of great personal satisfaction to me, but I also feel that Phil-Mont as a club merits such recognition. When I took over as Editor, I said I would try it for a year - now I might just try it for another year.

de K3KUD

CLUB NEWS AND ACTIVITIES

April Meeting: The feature of this meeting was a talk, illustrated with slides, by W3HFY. The subject was "Antennas for Deep Space Probes" and Hal did a real fine job on the subject. The first prize in the monthly drawing, a Heathkit Walkie-Talkie on Channel 1, was won by K3UWO. In addition to the regular meeting we also had 13 visitors present.

* * * * *

May Meeting: Will be held in the Lecture Hall of the Franklin Institute and will feature a talk and demonstration on Wave Propagation. Visitors are invited and club groups will be especially welcome. There is room for 300 people in the hall so don't worry about crowding!

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A club picnic will be held on June 2. Further details will be forthcoming from K3GNJ.

* * * * *

Reading Radio Club Banquet: This very fine affair was attended this year by a group of 25 persons representing Phil-Mont and as usual the Phil-Monters won 10 of the prizes. Everyone had a very enjoyable evening and were made to feel right at home by the Reading gang.

* * * * *

The April Mid-Month Meeting was of course, the Annual Stag Dinner and was attended by 19 members. After dinner we adjourned to the home of W3WNC where as always we were made most welcome. While the dinner digested the business portion of the meeting was held with an additional 8 members present. W3ZPP was awarded the Florida Skip award for his work in assisting others in obtaining licenses and also for his work while editor of the Blurb. W3OWK arrived one week early and wound-up without a seat !

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W3PWG has been assigned as NCS for one of the local Navy MARS nets and W3ZN has been assigned as alternate NCS on another of them. Phil-Mont is very well represented in the local Navy MARS program at the present time but if anyone else is interested they can contact the Pennsylvania State Coordinator, O. M. Read, NRGA, 1225 Thomas Road, Wayne, Pa.

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KP4HM can be heard on 21.3mc every Sunday after the Ten on Ten Roll Call.

* * * * *

ADDITIONS TO THE VHF ROSTER

Call	Band	Fixed/Mobile	Antenna
K3EZJ	2 m	Fixed; Mobile; Port.	Vert.
	6 m	Mobile; Port.	Vert.
K30EJ	2 m	Fixed	Horiz.
	6 m	Fixed; Mobile	Hor.; Vert.
W3KV	2 m	Fixed	Vert.
	6 m	Fixed	Horiz.
K3NYN	6 m	Fixed; Mobile	Vert.
W3LEM	2 m	Fixed	Vert.
	6 m	Fixed	Vert.

* * * * *

License Renewal coming up soon? The FCC address is 334 York St., Gettysburg, Pa. - Do not send renewal applications to the Philadelphia Office.

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NEW PRODUCTS

Heath Company has announced three new SSB Transceiver Kits. The HW-12 is designed for 75 meters. HW-22 for 40 meters and the HW-32 for 20 meters. These units are very compact and will make excellent mobile rigs, but can also be used as fixed station units. They are all basically the same, using crystal sideband generator, printed circuit board construction and run 200 watts PEP with 800 volts on the 6GE5 final tubes. They may be operated at reduced power using any of the Heath power supplies now available, but a new power supply will soon be available at about \$40.00 for the 110v model. The transceivers will cost \$119.95 in kit form. Size of the unit (cabinet) is 6" Hx12" Wx10" D; weight, 12 pounds. Stability reported to be 100 CPS.

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CHANNEL CHATTER

The IEEE Show in New York looked like a Phil-Mont meeting this year - W3ZPP, YHV, K3GNM, KUD, DJE, WA2RDC and WN2GBJ attended in a group and met W3EQV and W3JGB just looking around and W3NIP working hard at the Allen Bradley exhibit ---W3ZPP is now sporting a white Cadillac-let's get it mobile soon Charlie--Antennas going up everywhere! - K3CEE, HWX, KDP and W3WMO, OWK and DJW raised one at W3FLP. W3QQH, K3GNJ and KUD did likewise at W3MHR and W3QQH, K3GNJ, HWX and others unidentified finally got W3ZPP on the air to stay.--W3GIF, enroute to the Reading banquet, took the hard way to get in a little roadside parking time - he lost the transmission in the aged but willing Pontiac. Al was rescued by GNJ and by now all is well and the Pontiac is mobile again.--K3HWX/m commiserating with himself (a la Hamlet) regarding his lost loves at 0100 on a Sunday morning from a hilltop in Roxborough. Sage advice was provided by W3QV and K3GBA for free. No report available on the success or failure of this advice.--If W3NIP offers to take you skiing - don't accept! Betty King, XYL of W3PXY, did and wound up with a broken ankle.--We hear that both W3WNC and K3NYN are having trouble finding their way to the Phil-Mont meetings--W3DJV will be 6 meter mobile by the time you read this.-- IT FINALLY HAPPENED! W3QQH was on SSB on April 3 at about 10:45 P.M. - how about that?--W3VVS and W3QQH journeyed to Wash., D.C. to pick up the gear from Roy Hauser's shack and really put in a hard day.--Heard K3GNM/m with YHV at the mike-he sounded just like people and not Donald Duck.---WN2GBJ with a new trap vertical and homebrew xmtr fighting the battle of 40 meters--- W3NIP is watching the weather reports very carefully-trying to find that last dry powdery snowfall!---K3EWE, one of our neighbors on the Brand X frequency (.520) very happily told K3GNM that he had gotten engaged during the weekend just past; fully expecting congratulations, he was somewhat shocked when Al said, "Don't worry about it, you'll make other mistakes in your life too." Barbara Bartol is now K3GVT, having passed her general class exam. Congratulations.---That's it for now - keep the channel active and we'll try to pick up the items of interest.

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SPACE NOTES

The U.S. now has 47 satellites still in orbit. The Pioneer V, in sun orbit will stay in orbit forever according to present estimates. Vanguard I, in earth orbit will last 1000 years.

In addition to the 47 satellites mentioned above, there are 11 Air Force satellites on which no data is available, except launch dates and orbit times and distances.

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NORTH PENN BANQUET

The North Penn Amateur Radio Club will hold its Annual Dinner Dance on Saturday, June 1, 1963, at the Souderton Fire House. Full details are available from K3GNJ (our Brand "X" representative). Seriously, this is a good gang and a good feed and you'll have a good time.

* * * * *

MEMBERSHIP NEWS:

The following members have been dropped from the membership rolls of the Phil-Mont Mobile Radio Club:

W3DGG	-	Donald Kling, Newtown Sq., Pa.
W3FVW	-	Joe Grady, Broomall, Pa.
W3GGP	-	Herbert T. Smith, Devon, Pa.
W3HYU	-	Al Port, Conshohocken, Pa.
W3IW	-	Robert Ferry, Havertown, Pa.
K3TKU	-	Gerald Cohen, Havertown, Pa.
W3VSU	-	Lyle Quinn, Upper Darby, Pa.
W1YJI/3	-	Lloyd Soel Teran, Phila., Pa.

The following Associate Member has also been dropped:

W3KXD - Frank T. Laughner, Upper Darby, Pa.

The following have applied for regular membership in the club: -

WN2GBJ	Wayne C. Ziegler 527 Morgan Avenue Woodbury, Pa. H - TI 5-9414 B - HO 5-1000 Ext. 3501 Employed by: Philadelphia Naval Shipyard Sponsored by: W3ZPP, K3DJE	Wayne-Ginney
W3PCX	Jos. E. McQueen 3139 N. Camac Street Philadelphia, Pennsylvania H - BA 3-6971 B - LO 4-4800 Employed by: H.F. Ortlip Co. Sponsored by: W3GOW, K3DJE	Joe-Dorothy
W3VSD	Albert W. Ciampaglia 34 A Erringer Place Philadelphia 44, Pennsylvania H - VI 8-6473 B - GE 8-9833 Employed by: City of Philadelphia Sponsored by: W3QQH, K3KDP	Al - Fogore

The above new member applications are listed as they should be entered in the Director if the applicants are accepted by the Club.

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ARMED FORCES DAY COMMUNICATION TESTS

The Department of the Army, Navy and Air Force are appreciative of the technical skills and operating proficiencies of the Amateur Radio Fraternity. The Amateurs contributions to communications training, international good-will, military morale and recreation, and emergency services are recognized by every echelon of the military services.

In appreciation of the United States Amateur Radio Operator's loyalty and patriotism, the Army, Navy and Air Force annually sponsor a military - amateur radio communication program on Armed Forces Day. Planned and implemented by the Director, Naval Communications and the Chief of the Army and Air Force Military Affiliate Radio System (MARS) for their respective services, the Armed Forces Day Program will be held this year on Saturday, 18 May 1963. On this fourteenth observance of Armed Forces Day all amateurs are invited to participate and demonstrate to the world the close partnership and mutual respect that the U.S. Amateurs and U.S. Military enjoy.

Each of the six military stations will offer a special one-time only QSL Card for each confirmed contact with an amateur whose call letters appear in the "Callbook".

Other awards will be special Certificates signed by the Secretary of Defense for perfect copy of the International Morse Code (CW) and Radio - teletype (RATT) receiving contests. The receiving contests are open to any amateur, short wave listener, or other individual who possesses the necessary skills to obtain a perfect copy.

TIME, FREQUENCY AND CALL SIGN OF THE STATION COPIED AS WELL AS THE NAME, CALL SIGN (if any), AND ADDRESS OF THE INDIVIDUAL SUBMITTING THE ENTRY SHOULD BE INDICATED ON THE PAGE CONTAINING THE TEXT. Each year there are a large number of perfect copies that do not receive the certificates because the above information is not submitted. The name and/or call sign of the individual are mandatory if the certificate is to be awarded.

Competition entries should be submitted to the Armed Forces Day Contest Room 5B960, the Pentagon, Washington, D.C., and postmarked not later than 31 May 1963.

Additional information relative to frequencies, times and mode is available from the Editor. It is not reprinted here because of its length.

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SWAP AND SHOP:

For Sale: Globe "Hi-Bander", 6 and 2 meter transmitter. Excellent condition. \$ 80.00

750 Watt Final Amplifier (VT127 A's). Output on 10, 20 40 and 80 meters. \$ 35.00

Complete power supply for 750 Watt Final. \$ 75.00

General Radio Variac for above \$ 35.00

The entire package listed above can be purchased for \$130.00

Also available, an assortment of vibrapacks and small power supplies at very reasonable prices.

Karl Krech, W3BS
1012 Wilde Avenue
Drexel Hill, Pa.
SU 9-3941

For Sale: From the Estate of Leroy Hauser, W4LSC.

HRO-50-T complete w/speaker and coils AA, B, C, D	\$175.00
DX-100 Heath Transmitter	\$125.00
Signal Generator I-122-A, 15-27 mc & 90-125 mc	\$ 15.00
Wilcox CW-3 Receiver	\$ 10.00
Heathkit Tenner complete with microphone	\$ 20.00
Heathkit VFO, VF-1	\$ 10.00
Heathkit Condenser Checker, Model C-1	\$ 10.00
Intercom master	\$ 5.00
Radio City Products VOM in wooden case	\$ 5.00
Shure Model 707 microphone	\$ 3.00
Turner 80X microphone	\$ 5.00
Knight RF Impedance Bridge	\$ 3.00
McMurdo Silver Wave Meter	\$ 2.00

For any of the above items contact

Jim Spencer, W3QQH
Phone, TUrner 4-8469
TUrner 4-7770

For Sale:

International Crystal Co. coaxial switch \$ 5.00

C. Stouth, W3ZPP
Phone: 265-2284

For Sale:

Hammarlund HQ-150 rcvr. Perfect condition. 540 kc to 30 mc. built in Q-multiplier and xtal filter. Built in xtal cal. complete w/matching speaker. \$225.00

Heathkit Q-multiplier, brand new in factory box. This is a kit and requires assemble. Self powered unit \$ 15.00

Jim Hartmann, W3JYA
Phone: Hiltop 6-2379

SWAP AND SHOP (Continued)

For Sale: Electro-Voice model V-2 microphone. PTT, w/xtal cartridge and desk stand. \$ 10.00

KW Xmtr complete. Mounted in 5 foot relay rack. Rack contains power supply, exciter deck, modulator, final amplifier and antenna tuner. Tube lineup as follows: 807 oscillator, 807 doubler, 35T amplifier-buffer, and parallel 100 TH's final power amplifiers. Modulators are 805's in class B. Unit requires 5 watts audio and 5 watts RF to excite. Antenna switching relay is mounted internally and connected to UHF connectors on side panel. \$200.00

Radio receiver, 25 mc to 170 mc continuous in 4 bands. This receiver requires only 2.5v @ 480 ma and 90v at 20ma. This is an airborne unit used by the German Luftwaffe in WW II and is equipped with a turret tuner. Obviously superior to any present receiver on the market today as far as construction goes. \$100.00

Intercom master station. Executone. Will handle 10 remotes. \$ 10.00

Power Supply, rack mounted. Variable from 0 to 1600v @ 200 ma. Includes 5 amp variac, time delay relay, filament transformers and remote control circuits. \$ 80.00

Jim Hartmann, W3JYA
Phone: Hiltop 6-2379

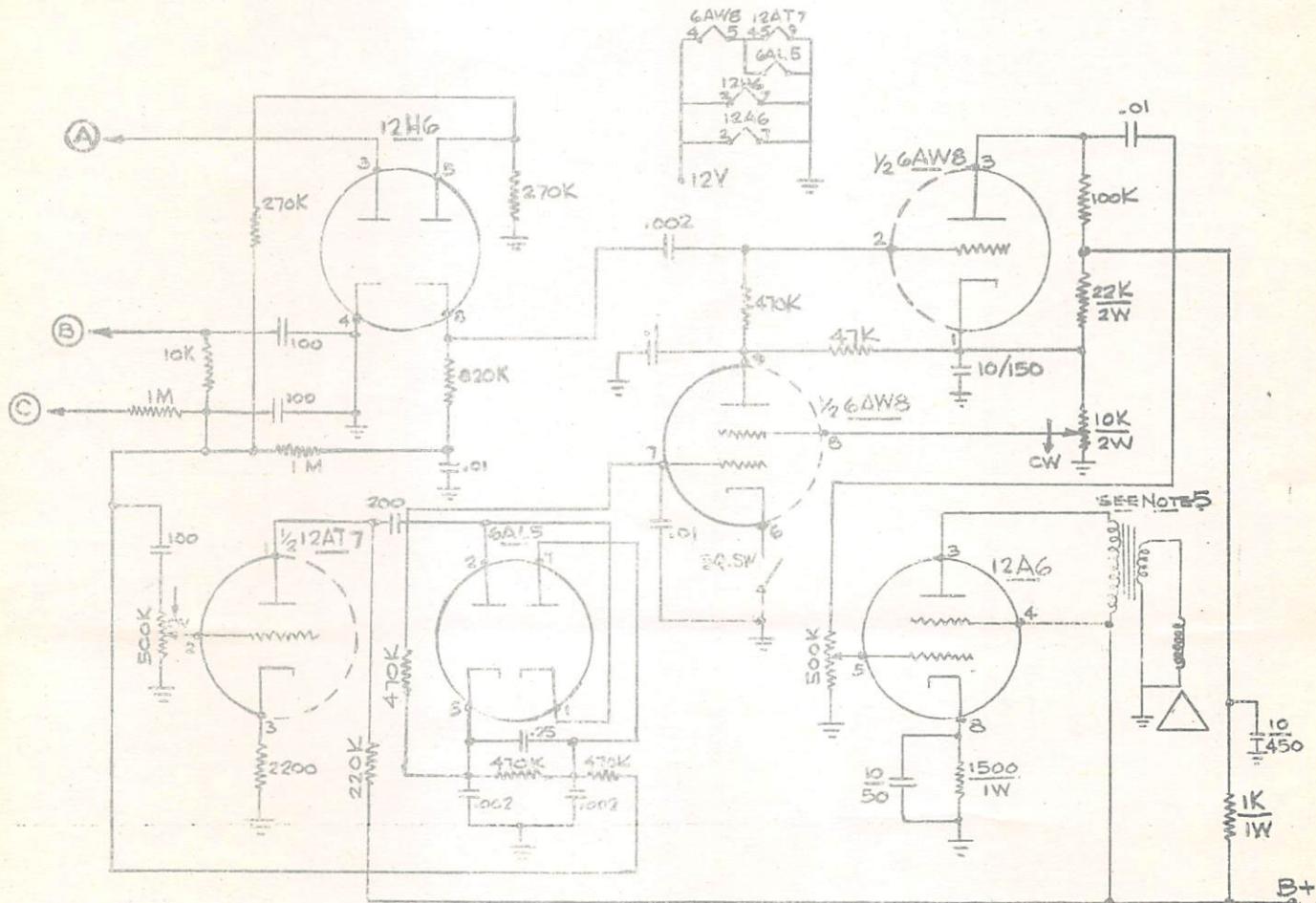
For Sale: Gretsch New Yorker Guitar. Excellent condition--almost new. \$ 75.00

W3WNC

For Sale: Heath Comanche Mobile receiver, Cheyenne Mobile xmtr, HP-10 Transistorized power supply, mounting rack and mobile spkr. Transmitter has been modified to provide xtal control on Ch.1 Complete with all cables, and instruction books. \$160.00

K3KUD
Phone: TU 4-1884

PHILMONT TEK-NI-GRAM MAY 1963
ARC-5 CONVERSION (PT.3) - SQUELCH & AUDIO



12H6 ANL-DETECTOR

12AT7 NOISE AMPLIFIER

GAL5 NOISE RECTIFIER

GAW8 SQUELCH

12A6 AUDIO OUTPUT

1. THE ABOVE IS THE CONVERTED AUDIO CIRCUIT THAT PROVIDES NOISE LIMITING AND A BALANCED NOISE SQUELCH SYSTEM.
2. SEE THE SEPT. 1962 TEK-NI-GRAM FOR THE BASIC CIRCUIT AND NOISE BALANCED SQUELCH ADJUSTMENT.
3. STUBBED OUT CONNECTIONS, IDENTIFIED WITH A CIRCLED LETTER, ARE TO BE CONNECTED TO THE SAME CIRCLED LETTERS ON THE APRIL 1963 TEK-NI-GRAM.
4. THE B+ CONNECTION WILL BE PICKED UP WHEN THE POWER SUPPLY IS DESCRIBED.
5. PROVIDE A THORDARSON-MEISSNER 24S49 TYPE OR SIMILAR AUDIO OUTPUT TRANSFORMER.
6. ALL RESISTORS ARE $\frac{1}{2}$ WATT UNLESS SPECIFIED OTHERWISE.

FIELD DAY

The members of the Field Day Committee are getting the ball rolling to put Phil-Mont into the top scoring mobile club position. The committee cannot make this a reality without the cooperation of every member of the club. We know that a lot of the fellows do not have any real interest in Field Day, but they will find that with a little activity on their part a new door to ham radio will open and present a real challenge to run up a respectable score.

We also know that some of the members are not mobile, but that doesn't matter either. First, we want a Field Day message from every member, whether or not he is mobile; just a little debt that we feel he owes the club. We also need operators for RQZ/m; we need help with the "putt-putt", others to go for gasoline, cigarettes, etc. If every member originates a message we should have at least a hundred to kick around, and done systematically, we can make the grade but we need those messages for the mobiles.

We are enclosing the standard Field Day message form so everyone will have the necessary format to originate his message. Those who are mobile should originate their messages from the mobile stations to get the 25 points allowed.

The site set-up will be the same as last year with CW-SSB gear available to those who wish to operate the fixed stations. The food detail will be on a continuing basis, with hot food available at all hours to keep the inner man satisfied.

One of the highlights of this year's Field Day activity will be a complete pictorial coverage of the whole operation. Russ Hamilton, W3UVL, is going to photograph the club's activities and the pictures will ultimately appear in a national pictorial. This fact alone should encourage you "muggers" to take part in the activities, as we all know Russ does the finest photo work in the business and we should feel honored to be a part of his picture taking. This is just an opener for Field Day and remember, we want a message from every member, even if you are not interested in Field Day.
WE NEED AND EXPECT A MESSAGE FROM YOU!

de W3YHV



THE AMERICAN RADIO RELAY LEAGUE RADIOGRAM

VIA AMATEUR RADIO



NUMBER	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
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To ALLEN BREINER W3ZRQ
212 RACE ST.
TAMAQUA, PA.

THIS RADIO MESSAGE WAS RECEIVED AT
AMATEUR STATION _____ PHONE _____
OWNER _____
STREET ADDRESS _____
CITY AND STATE _____

THIS MOBILE FIELD DAY STATION OPERATING AT _____

WITH _____ OPERATORS ASSISTING ME. THERE ARE/IS _____ AREC

MEMBER(S) AT THIS STATION.

SIGNATURE _____

PHILMONT MOBILE RADIO CLUB

SENDER'S ADDRESS AND PHONE NUMBER FOR REFERENCE		FROM STATION	LOCATED AT	DATE	TIME	OPERATOR
REC'D						
SENT		TO STATION				

YOUR REPLY TO THIS MESSAGE WILL BE HANDLED WITHOUT CHARGE BY THE RECEIVING STATION WHOSE ADDRESS IS SHOWN ABOVE. AMATEUR RADIO OPERATORS AND MEMBERS OF THE A.R.R.L. LICENSED SOLELY FOR THE PLEASURE OF OPERATING. NO COMPENSATION CAN BE ACCEPTED BY A STATION OWNER, SO DELIVERY IS NOT GUARANTEED BY THE LEAGUE OR ITS MEMBER OPERATORS. AMATEURS ARE NOTED FOR THEIR WORK IN PUBLIC EMERGENCIES. FURTHER INFORMATION ON THIS INTERESTING HOBBY MAY BE OBTAINED DIRECTLY FROM THE A.R.R.L. HEADQUARTERS, WEST HARTFORD, CONN. LITHO U.S.A.

The "Blurb"

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